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REMARKS

The Amendment is being submitted to correct typographical errors by the Applicants' Attorney and to include species identified by the Examiner. No new matter has been added.

In response to the Office Action mailed July 27, 2006, please enter the following election without traverse:

Restriction Requirement

1. The Examiner's Restriction Requirement is hereby acknowledged. The Examiner has identified species 1-4. The Examiner has identified speci 1 shown in FIG. 1, speci 2 shown in FIGS. 2, 3, and 5, speci 3 shown in FIG. 4, and speci 4 shown in FIGS. 6 and 7. After a telephone conference between Examiner and the Applicants' Attorney on August 1, 2006, the Applicants' Attorney has identified the differences between the FIGS. with regards to different species as required by the Examiner.

The Application clearly states the following on page 15, paragraph 0033, lines 20-31.

"The exemplary embodiments of the engine 1 illustrated in FIGS. 1-3, includes a row of low pressure stator vanes 66 between the second and first rows of low pressure turbine blades 29 and 28. The exemplary embodiment of the engine 1 illustrated in FIG. 1 incorporates a row of fixed low pressure stator vanes 66 between the second and first rows of low pressure turbine blades 29 and 28. The exemplary embodiment of the engine 1 illustrated in FIGS. 2 and 3 incorporates a row of variable low pressure stator vanes 66 between the second and first rows of low pressure turbine blades 29 and 28."

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Claims 1-10 do not have the following limitation, "a row of low pressure stator vanes between first and second rows of low pressure turbine blades of the first and second low pressure turbines respectively" and, thus, are considered to be part of species 1.

Amended Claim 11 and Claims 12-20 and 22 which depend from Claim 11 add the following limitation to parent Claim 6, "a row of low pressure stator vanes between first and second rows of low pressure turbine blades of the first and second low pressure turbines respectively" and, thus, are considered to be part of species 1. In Claim 22, the row of low pressure stator vanes are fixed and, thus, is considered to be part of species 1. Claims 37-42 and 48-49 which depend from Claim 6 are considered to be part of species 1.

The Application clearly states the following on page 22, paragraph 0033, lines 24-28.

"The exemplary embodiment of the engine 1 illustrated in FIGS. 2 and 3 incorporates a row of variable low pressure stator vanes 66 between the second and first rows of low pressure turbine blades 29 and 28."

Claim 21 adds the following limitation to claim 11, "the row of low pressure stator vanes (66) are variable" and, thus, is considered to be part of species 2. Claim 32 which depends from Claim 6 and Claims 33-36 which depend from Claim 32 also include the following limitation "a row of variable low pressure stator vanes between first and second rows of low pressure turbine blades of the first and second low pressure turbines respectively" and, thus, are considered to be part of species 2. Claim 43 which depends from Claims 37 and 6 and Claims 44-47 which depend from Claim 43 also include the following limitation "a row of variable low pressure stator

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vanes between first and second rows of low pressure turbine blades of the first and second low pressure turbines respectively" and, thus, are considered to be part of species 2.

The Application clearly states the following on page 20, paragraph 0040, lines 14-25.

"Illustrated in FIG. 4 is an exemplary second alternative FLADE counter-rotatable fan aircraft gas turbine engine 1 having the FLADE fan blades 5 mounted to the first fan blades 33 of the first counter-rotatable fan 130. A row of fixed stator vanes 67 are disposed between the row of high pressure turbine blades 24 and the first row of low pressure turbine blades 28. There are no vanes, fixed or variable, between the second and first rows of low pressure turbine blades 29 and 28 of the counter-rotatable second and first low pressure turbines 21 and 19, respectively."

None of the original Claims specifically call out this as a limitation of the FLADE fan blades mounted to the first fan blades of the first counter-rotatable fan. Newly added Claims 50-55 do include the limitation of "the FLADE fan blades 5 mounted to the first fan blades 33 of the first counter-rotatable fan 130" and, thus, Claims 50-55 are considered to be part of species 3.

The Application clearly states the following on page 22, paragraph 0044, lines 23-35.

"Illustrated in FIG. 5 is an exemplary third alternative FLADE counter-rotatable fan aircraft gas turbine engine 1 having the FLADE fan blades 5 mounted to and extend radially outwardly from the row of second fan blades 32 of the second counter-rotatable fan 132. A row of fixed

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stator vanes 67 are disposed between the row of high pressure turbine blades 24 and the first row of low pressure turbine blades 28. There are no vanes, fixed or variable, between the second and first rows of low pressure turbine blades 29 and 28 of the counter-rotatable second and first low pressure turbines 21 and 19, respectively."

Claims 23-26 which depend from Claim 6 add the following limitation to parent Claim 6,

" the high pressure turbine having a row of high pressure turbine nozzle stator vanes axially located between the combustor and a row of high pressure turbine blades of the high pressure turbine,

the row of high pressure turbine blades being counter-rotatable to the first low pressure turbine, and

a row of fixed stator vanes between the row of high pressure turbine blades and the first low pressure turbine,

no vanes between the first and second rows of low pressure turbine blades of the first and second low pressure turbines respectively, and

the row of high pressure turbine nozzle stator vanes, the row of high pressure turbine blades, the row of fixed stator vanes, the first row of low pressure turbine blades, and the second row of low pressure turbine blades being in serial axial and downstream relationship."

and, thus, are considered to be part of species 4.

The Application clearly states the following on page 23, paragraphs 0045 and 0046 lines 1-32.

"Illustrated in FIG. 6 is an exemplary fourth alternative FLADE counter-rotatable fan aircraft gas

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turbine engine 1 in which the second counter-rotatable fan 132 has two axially spaced apart stages or rows of fan blades designated as rows of first and second stage blades 250 and 252, respectively, and a row of second stage fan vanes 254 therebetween. The FLADE fan blades 5 mounted to and extend radially outwardly from the second stage blades 252, the second counter-rotatable fan 132. A row of fixed stator vanes 67 are disposed between the row of high pressure turbine blades 24 and the first row of low pressure turbine blades 28. There are no vanes, fixed or variable, between the second and first rows of low pressure turbine blades 29 and 28 of the counter-rotatable second and first low pressure turbines 21 and 19, respectively.

Illustrated in FIG. 7 is an exemplary fifth alternative FLADE counter-rotatable fan aircraft gas turbine engine 1 in which the second counter-rotatable fan 132 has the two stages or rows of fan blades designated as the first and second stage blades 250 and 252, respectively. The FLADE fan blades 5 mounted to and extend radially outwardly from the row of second fan blades 32 of the second counter-rotatable fan 132. A row of variable low pressure stator vanes 66 are axially disposed between the second and first rows of low pressure turbine blades 29 and 28. There are no vanes, fixed or variable, between the row of high pressure turbine blades 24 and the first row of low pressure turbine blades 28."

Claims 27-31 which depend from Claim 6 add the following limitation to parent Claim 6, "the second counter-rotatable fan (132) having axially spaced apart rows of first and second stage blades (250 and 252) and a row of second stage fan vanes (254) therebetween" and, thus, are considered to be part of

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species 5.

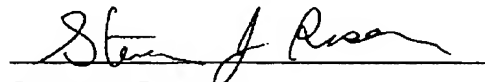
In summary, the Applicants submit that:

Species 1 includes Claims 1-20, 22, 37-42, and 48-49;  
Species 2 includes Claims 21, 32-36, and 43-47;  
Species 3 includes Claims 50-55;  
Species 4 includes Claims 23-26; and  
Species 5 includes Claims 27-31.

The Applicants provisionally elect to prosecute the invention of Species 1 which includes Claims 1-20, 22, 37-42, and 48-49.

The Applicants respectfully submit that original and amended Claims 1-49 and newly added Claims 50-55 are now in condition for Examination.

Respectfully submitted,



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